

**DERWENT-ACC-NO:** 2002-683468

**DERWENT-WEEK:** 200274

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**TITLE:** Bearing arrangement for a **caster bracket**, in particular, of a wheelchair comprises two ball **bearings** and an adjustable friction unit located between the **bearings**

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**PATENT-ASSIGNEE:** ROLLI MOBIL GMBH[ROLLN]

**PRIORITY-DATA:** 2001DE-1006688 (February 14, 2001)

**PATENT-FAMILY:**

<b>PUB-NO</b>	<b>PUB-DATE</b>	<b>LANGUAGE</b>	<b>PAGES</b>	<b>MAIN-IPC</b>
DE 10106688 A1	<u>September 26, 2002</u>	N/A	006	B62B 005/04

**APPLICATION-DATA:**

<b>PUB-NO</b>	<b>APPL-DESCRIPTOR</b>	<b>APPL-NO</b>	<b>APPL-DATE</b>
DE 10106688A1	N/A	2001DE-1006688	February 14, 2001

**INT-CL (IPC):** A47B031/00, A61G005/10 , A61G007/05 , A61G012/00 ,  
B62B005/04

**ABSTRACTED-PUB-NO:** DE 10106688A

**BASIC-ABSTRACT:**

**NOVELTY** - The **bearing arrangement** for a **caster bracket**, in particular, of a **wheelchair** comprises two ball **bearings** (10, 11) and a **friction unit** (1) which is located between the **bearings**, and serves for producing an **adjustable braking force** acting against rotation of the **bracket pin** (6) in the **caster sleeve** (5).

**USE** - In particular, for **caster brackets** of **wheelchairs**.

**ADVANTAGE** - The **caster bracket** is installable without play, and damping of its rotatory motion is adjustable within a broad range. As a result, flutter of the **caster wheels** is largely eliminated.

**DESCRIPTION OF DRAWING(S)** - The drawing shows the proposed **bearing arrangement**.

**Friction unit 1**

**Diskes 2, 3, 8, 9**

**Rubber sleeve 4**

**Caster sleeve 5**

**Bracket pin 6**

**Adjustment nut 7**

**Ball bearings 10, 11**

**Support sleeve 2**

**CHOSEN-DRAWING: Dwg.1/2**

**TITLE-TERMS: BEARING ARRANGE CASTER BRACKET WHEELCHAIR COMPRIZE TWO BALL  
BEARING ADJUST FRICTION UNIT LOCATE BEARING**

**DERWENT-CLASS: A88 P25 P33 Q22**

**CPI-CODES: A99-A;**

**SECONDARY-ACC-NO:**

**CPI Secondary Accession Numbers: C2002-193066**

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